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Design (Docking and QSAR Studies) and synthesis of histone deacetylase 2 (HDAC2) inhibitors series

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Abstract

In recent years, it has been shown that histone deacetylase 2 (HDAC2) inhibitors increase histone acetylation and enhance memory processes, probably due to an increase in the gene transcription rate that emerges during memory formation. Histone acetylation generally favors long-term memory, whereas histone deacetylation impinges on it. However, until